

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111622\
 Data File : VU051882.D
 Acq On : 16 Nov 2022 15:13
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050122

Quant Time: Nov 17 01:21:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM111522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 17 01:20:24 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	474896	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	475951	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	249711	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	101189	43.403	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.800%		
7) Chloroethane-d5	1.900	69	108253	46.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.680%		
11) 1,1-Dichloroethene-d2	2.565	63	191313	45.760	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.520%		
21) 2-Butanone-d5	4.617	46	253494	95.619	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	95.620%		
24) Chloroform-d	5.060	84	280218	47.947	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.900%		
26) 1,2-Dichloroethane-d4	5.700	65	166089	46.425	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.860%		
32) Benzene-d6	5.726	84	494914	49.871	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.740%		
36) 1,2-Dichloropropane-d6	6.690	67	182424	49.385	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.760%		
41) Toluene-d8	7.896	98	416917	51.184	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.360%		
43) trans-1,3-Dichloroprop...	8.179	79	72798	49.478	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.960%		
47) 2-Hexanone-d5	8.632	63	193871	103.269	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	103.270%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	349726	48.645	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	97.300%		
66) 1,2-Dichlorobenzene-d4	12.192	152	210949	48.003	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	136164	46.702	ug/L	99
3) Chloromethane	1.523	50	182970	47.256	ug/L	98
5) Vinyl chloride	1.604	62	189138	47.094	ug/L	99
6) Bromomethane	1.839	94	95144	54.682	ug/L	98
8) Chloroethane	1.922	64	128584	49.245	ug/L	99
9) Trichlorofluoromethane	2.131	101	233443	48.550	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	149952	49.484	ug/L	100
12) 1,1-Dichloroethene	2.575	96	140270	49.563	ug/L	99
13) Acetone	2.620	43	255326	90.019	ug/L	100
14) Carbon disulfide	2.790	76	366842	46.787	ug/L	99
15) Methyl Acetate	2.945	43	189879	49.105	ug/L	100
16) Methylene chloride	3.044	84	200756	44.435	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	150923	49.484	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	477252	50.558	ug/L	99
19) 1,1-Dichloroethane	3.864	63	309874	49.920	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	181511	50.995	ug/L	99
22) 2-Butanone	4.697	43	312869	97.671	ug/L	99
23) Bromochloromethane	4.970	128	96971	49.368	ug/L	98
25) Chloroform	5.086	83	321132	49.581	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	238426	49.815	ug/L	99
29) Cyclohexane	5.388	56	214071	52.717	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	241128	50.110	ug/L	100
31) Carbon tetrachloride	5.523	117	196573	48.864	ug/L	96
33) Benzene	5.771	78	724140	52.893	ug/L	100
34) Trichloroethene	6.539	95	165309	50.967	ug/L	99
35) Methylcyclohexane	6.761	83	236751	53.832	ug/L	99
37) 1,2-Dichloropropane	6.787	63	196186	50.606	ug/L	99
38) Bromodichloromethane	7.105	83	245601	50.637	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	265021	52.261	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	529428	103.705	ug/L	99
42) Toluene	7.967	91	767897	54.532	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	254109	52.293	ug/L	100
45) 1,1,2-Trichloroethane	8.398	97	198659	50.427	ug/L	98
46) Tetrachloroethene	8.552	164	126333	48.772	ug/L	98
48) 2-Hexanone	8.684	43	463990	105.824	ug/L	98
49) Dibromochloromethane	8.809	129	202361	49.818	ug/L	99
50) 1,2-Dibromoethane	8.922	107	201125	50.714	ug/L	99
51) Chlorobenzene	9.446	112	489532	50.875	ug/L	99
52) Ethylbenzene	9.568	91	776911	53.910	ug/L	99
53) m,p-Xylene	9.694	106	312123	55.953	ug/L	99
54) o-Xylene	10.099	106	312182	54.985	ug/L	99
55) Styrene	10.115	104	550134	56.156	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	370648	49.789	ug/L	100
59) Bromoform	10.288	173	155822	46.024	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	281297	47.092	ug/L	98
61) Isopropylbenzene	10.484	105	773342	52.988	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	639417	53.767	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	643733	55.404	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	373801	50.534	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	367510	49.062	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	393970	50.088	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	71694	46.879	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	248787	50.696	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	193848	49.835	ug/L	99
71) Naphthalene	14.086	128	654932	51.195	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	214953	50.489	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

